



Automatic Additive Dosers - Product Information

Fully Automated - or Optional Keypad Entry

DESIGNED FOR HARSH TRANSPORT, CONSTRUCTION & FUELLING DEPOT ENVIROMENTS.

FULLY AUTOMATIC

Fill and Forget Technology! Once installed and programmed, the AAD is designed to fill and forget. A combination of complex algorithms and fuel level sensor inputs determine when you have refueled, and how much additive to dose into your new fuel load. Once programmed, simply keep the AAD full of your preferred fuel additive.

NO DRIVER INPUT REQUIRED

ACCURATE DOSING

DURABLE CONSTRUCTION

Polyethylene or optional Stainless steel additive reservoir, baked on powder coat finish mounting cradle and industrial quality components, makes the AAD able to withstand hash operating environments.

EASY INSTALLATION

The AAD can mount anywhere and only requires 12 or 24 volt DC power supply, plus access to the fuel level sensor and possibly the fuel tank vent. Installation generally takes only 4 hours by an experienced technician.

CAN J1939 NETWORK

Can be connected to the vehicle or machine CAN Network for the fuel level signal and vehicle speed.

TELEMATICS

Our AADs supports telematics solutions - cellular based with modem, antenna and power cable supplied.

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AUTOMATIC ADDITIVE DOSER - 20L

Capacity: 20 Litres (5.3 US Gals)
 Size: L 450 mm, D 440 mm, H 440 mm
 For dosing ratios < 2,000 : 1
 Also doses into fuel flow & bulk tanks

AUTOMATIC ADDITIVE DOSER—5L

Capacity: 5 Litres (1.3 US Gals)
 Size: L 300 mm, D 260, mm H 260 mm
 For dosing ratios > 2,000 : 1
 Optional stainless steel tank

FULLY AUTOMATIC - FILL & FORGET

- No driver or operator involvement
- Automatically doses at each fuel fill
- Set any additive dosing ratio
- Accurate and automatic every time

KEY FEATURES

- **Reservoir:** Durable HDPE (High Density Polyethylene) with EU approval for fuel tanks, and with optional stainless steel Dosers are available.
- **Mounting Cradle:** Corrosion resistant baked on powder coated brackets and stainless mount straps.
- **Configuration:** Able to dose up to four fuel tanks.
- **System Data:** Bright LED's give main system status at a glance.
- **Compatibility:** Works with most commonly known OEM and aftermarket fuel level sensors.

INTELLIGENT ADDITIVE DOSING

- Continuously monitors fuel tank level, additive low level, and vehicle stationary or moving status.
- Fail-safe software overcomes instances of false fuelling and over dosing.
- Multi-layer data provides for very accurate fuel fill control and accurate additive dosing.
- Dispenses additive accurately over a wide range of climatic temperature conditions.
- External USB port to connect a laptop for easy troubleshooting and maintenance.

RUGGED COMPACT DESIGN

- All key components protected inside unit
- Long life pump & solenoid valve
- Industrial specifications
- Bespoke electronic control board

EASE OF INSTALLATION

- Only 450 mm for the Maxi or 300 mm for the Mini chassis rail space needed, or on other suitable surface.
- Operates on 12 or 24 volt DC power supply.
- All components for installation on a vehicle for machine are provided.
- Connects to existing fuel tank level sender and software determines amount of fuel added.

OPTIONAL FEATURES

- Optional Keypad Display Unit for data entry on equipment without a fuel level sensor.
- When fitted with a larger additive pump and solenoid valve, the AAD 20L is designed to inject additive directly into the fuel flow while fuelling, and into bulk storage tanks.

A BREAKTHROUGH

- Enables fuel additive to be automatically dosed directly into vehicle, machine or vessel fuel tanks, or into bulk fuel tanks, or directly into fuel flows during fuelling.